

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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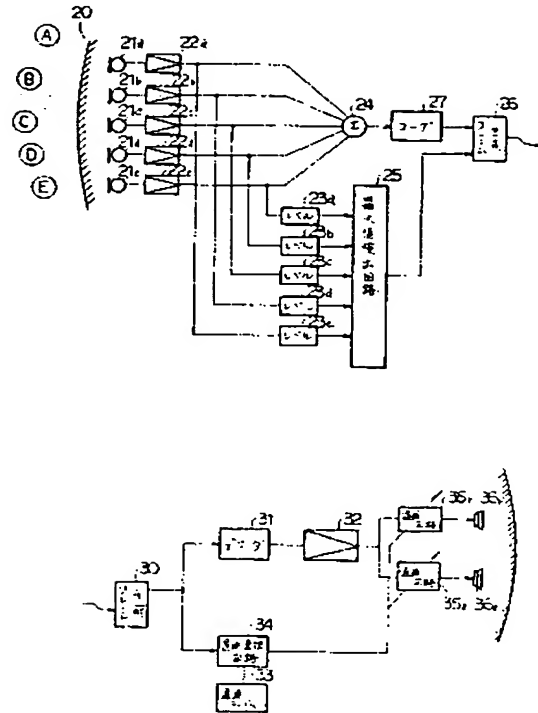
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APPLICANT : TOSHIBA CORP;

INVENTOR : MINAMI SHIGENOBU;

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TITLE : VOICE TRANSMISSION SYSTEM



**ABSTRACT :** PURPOSE: To facilitate talker identification even in the transmission line of a low transmission speed by separating voice information and identification information from frame information at the reception side and using the identification information to reproduce the voice with a phase difference and a gain difference decided at each speaker.

**CONSTITUTION:** When a talker B at the sending side makes utterance, the utterance of the talker B is converted into a voice signal by a microphone 21b, amplified by an amplifier 22b and inputted to an adder 24 and a level detection circuit 23b. A frame decomposition circuit 30 separates main information and additional information from the frame information at the reception side, the main information is converted into an analog voice signal by a decoder 31 and amplified by an amplifier 32. Then a delay selection circuit 34 uses a delay table 33 to select a phase difference parameter in response to a microphone having the highest level represented by the additional information. The delay quantity of delay circuits 35r, 35l is set by the phase difference parameter and reproduced from speakers 36r, 36l as a pseudo stereo voice.

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